OPEN FILE REPORT This report has not been edited for conformity with U.S. Geological Survey editorial standards or stratigraphic nomencla-OPEN FILE REPORT 78-051 ELK MOUNTAIN QUADRANGLE WYOMING-CARBON CO 10 OF 15 7.5 MINUTE SERIES (TOPOGRAPHIC) 106°22′30″ **EXPLANATION** ISOPACHS-Showing thickness of coal bed, in feet. Dashed where inferred. Isopach interval 5 feet. DRILL HOLE-Showing thickness of coal bed, in feet. Drill holes which do not inter-T. 21 N. T. 20 N. sect the coal bed or from which a coal bed thickness could not be determined are not 3.5/4.5 TRACE OF COAL BED OUTCROP-Showing the name of the coal bed. Showing ratio of coal thickness to interburden, in feet, measured at triangle. INSUFFICIENT DATA BOUNDARY-Showing area beyond which no coal bed thickness data is available. STRIP MINE 10 UNDERGROUND MINE WORKINGS To convert feet to meters, multiply feet by 0.3048. 42'30" 15 22 27

PLATE 10

ISOPACH MAP

OF THE FINCH COAL BED

106°30′ 41°45′ ELK MOUNTAIN-ELK MOUNTAIN VALLEY STRIP (Abandoned) 36 ELK MOUNTAIN -35 31 STRIP 2 (Abandoned) JOHNSON 3 (Abandoned) T 21 N STRIP 5
(Abandoned) T. 20 N. 13.9+/5.1 6.6/23.4 11 10 12 42'30" 15 14 13 18 16 17 19 23 22 21 25 29 27 26 33 34 31 35 T.20 N. T. 19 N. 3 11 10 10 13 14 18 17 15 41°37′30″ 106°30′ IELK MOUNTAIN SWIR. 80 W. R. 81 W 106°22'30" Base map from U.S. Geological Survey, 1955 SCALE 1:24 000 Compiled in 1977 by Texas Instruments Incorporated

UNITED STATES DEPARTMENT OF THE INTERIOR

GEOLOGICAL SURVEY

27'30" R. 80 W

(SADDLEBACK HILLS 1:62500)

R. 81 W.

COAL RESOURCE OCCURRENCE MAP OF THE ELK MOUNTAIN QUADRANGLE, CARBON COUNTY, WYOMING

BY TEXAS INSTRUMENTS INCORPORATED 1978

WYOMING

QUADRANGLE LOCATION